

Replacement Sheet

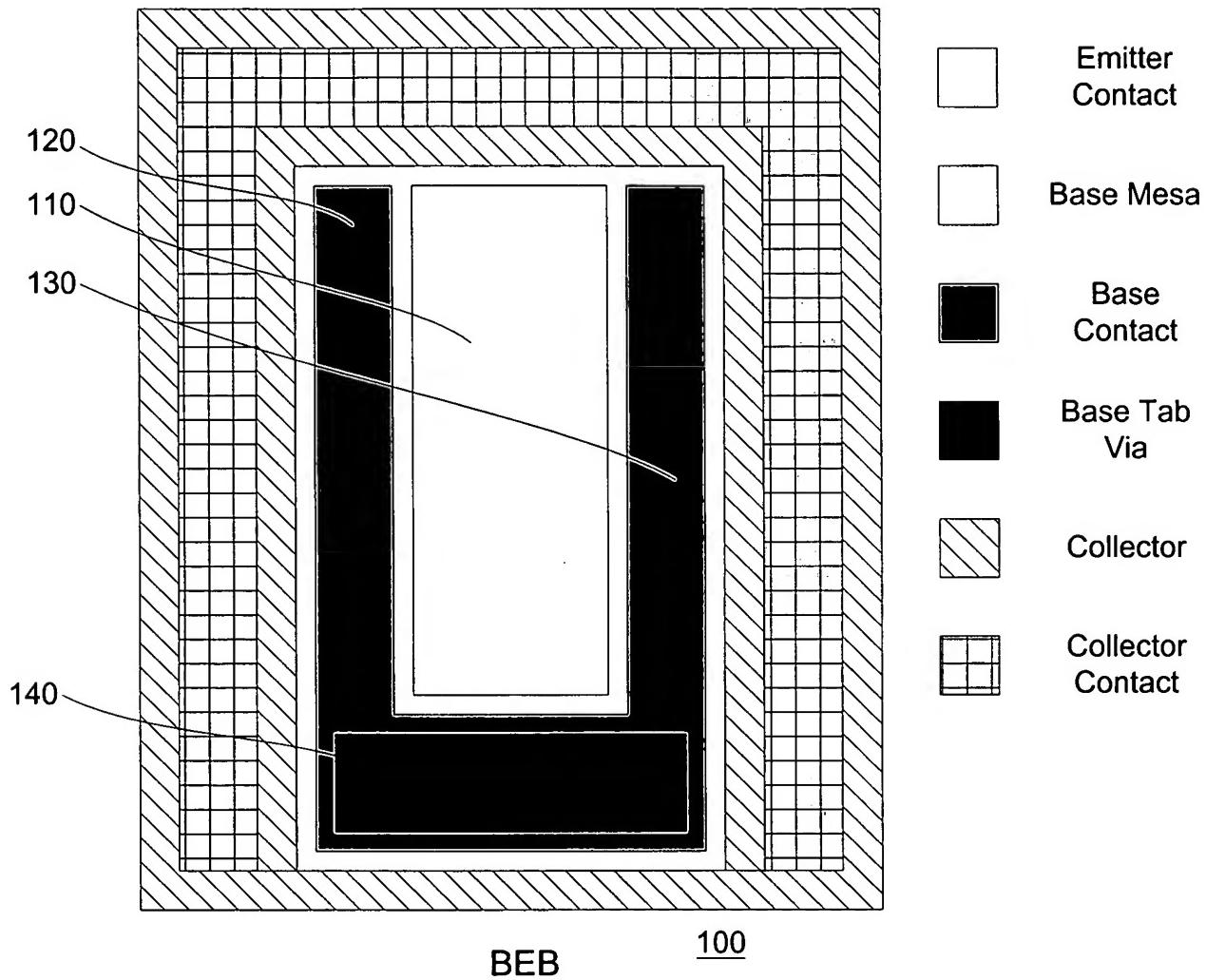
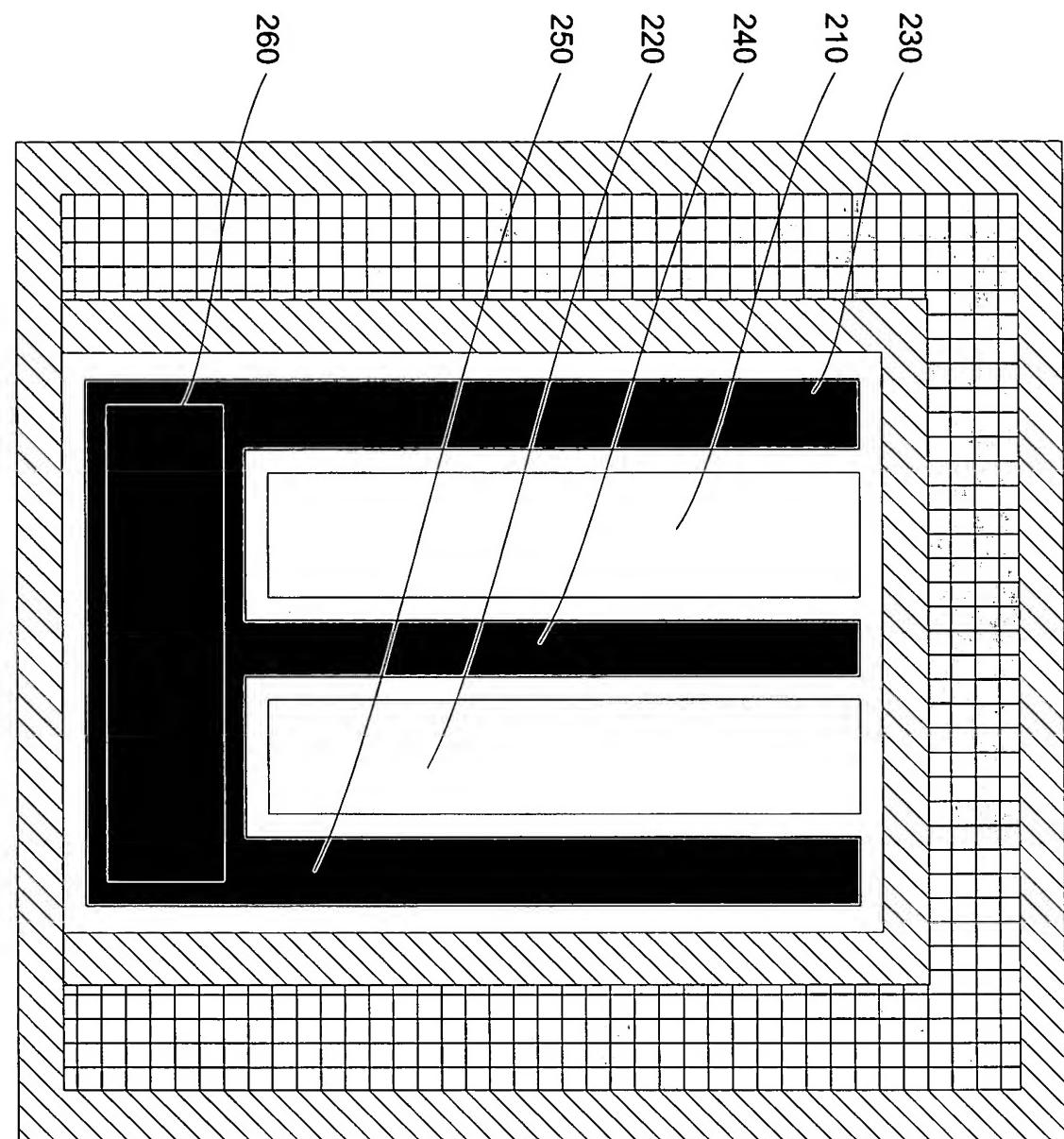
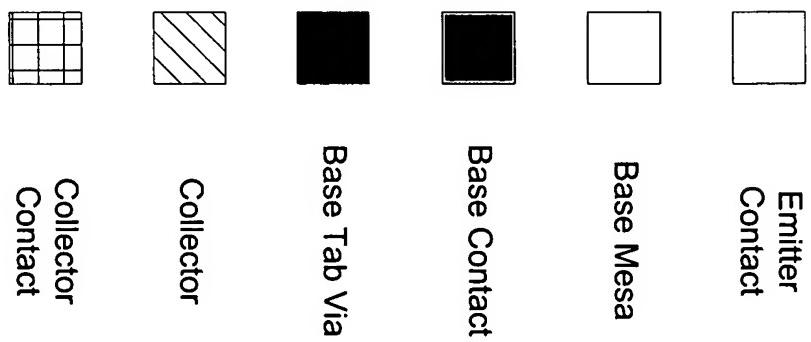


FIG. 1 1/22  
(Prior Art)

Replacement Sheet



BEBEB    200  
260  
250  
220  
240  
210  
230  
(Prior Art)



Replacement Sheet

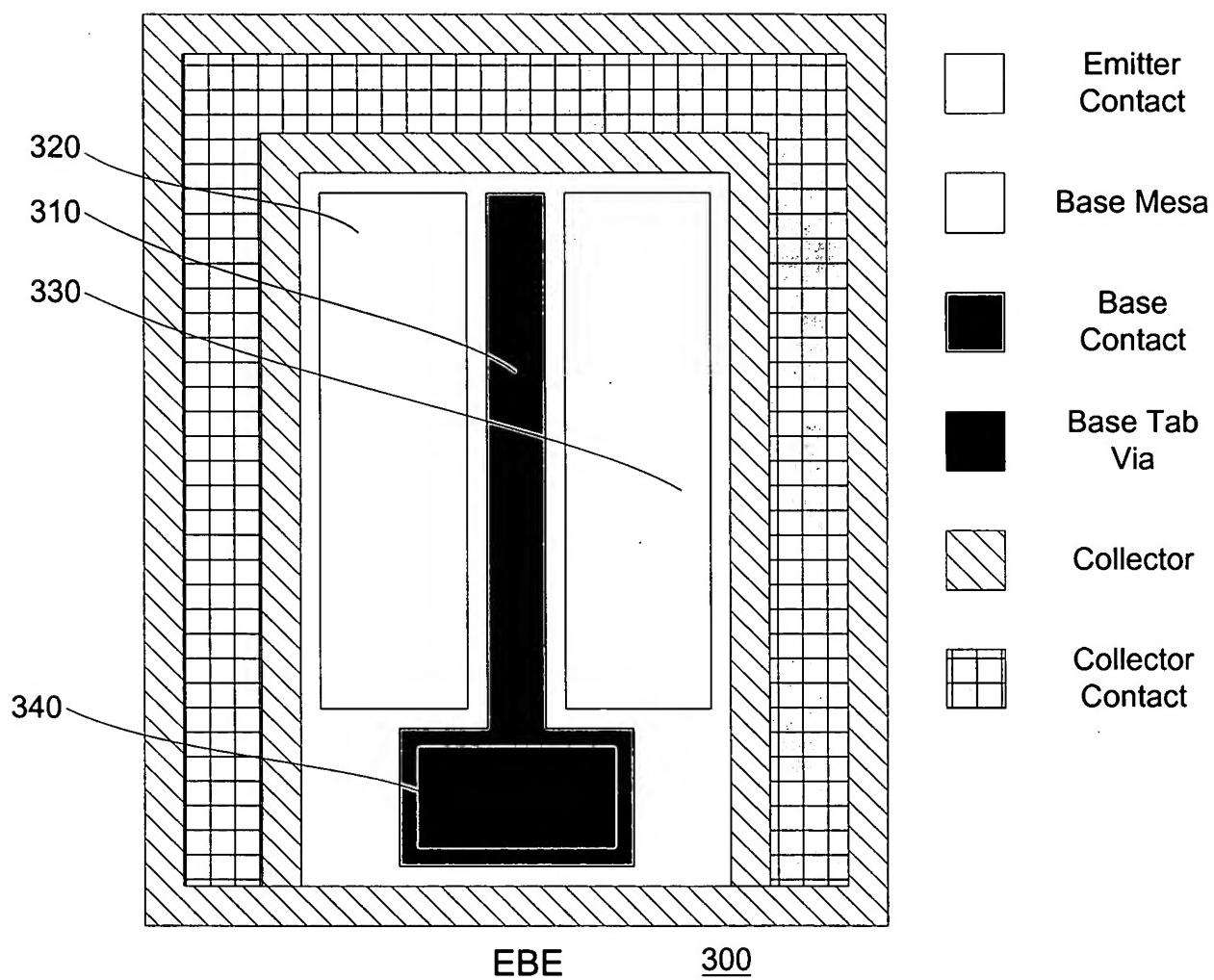


FIG. 3    3/22  
(Prior Art)

Replacement Sheet

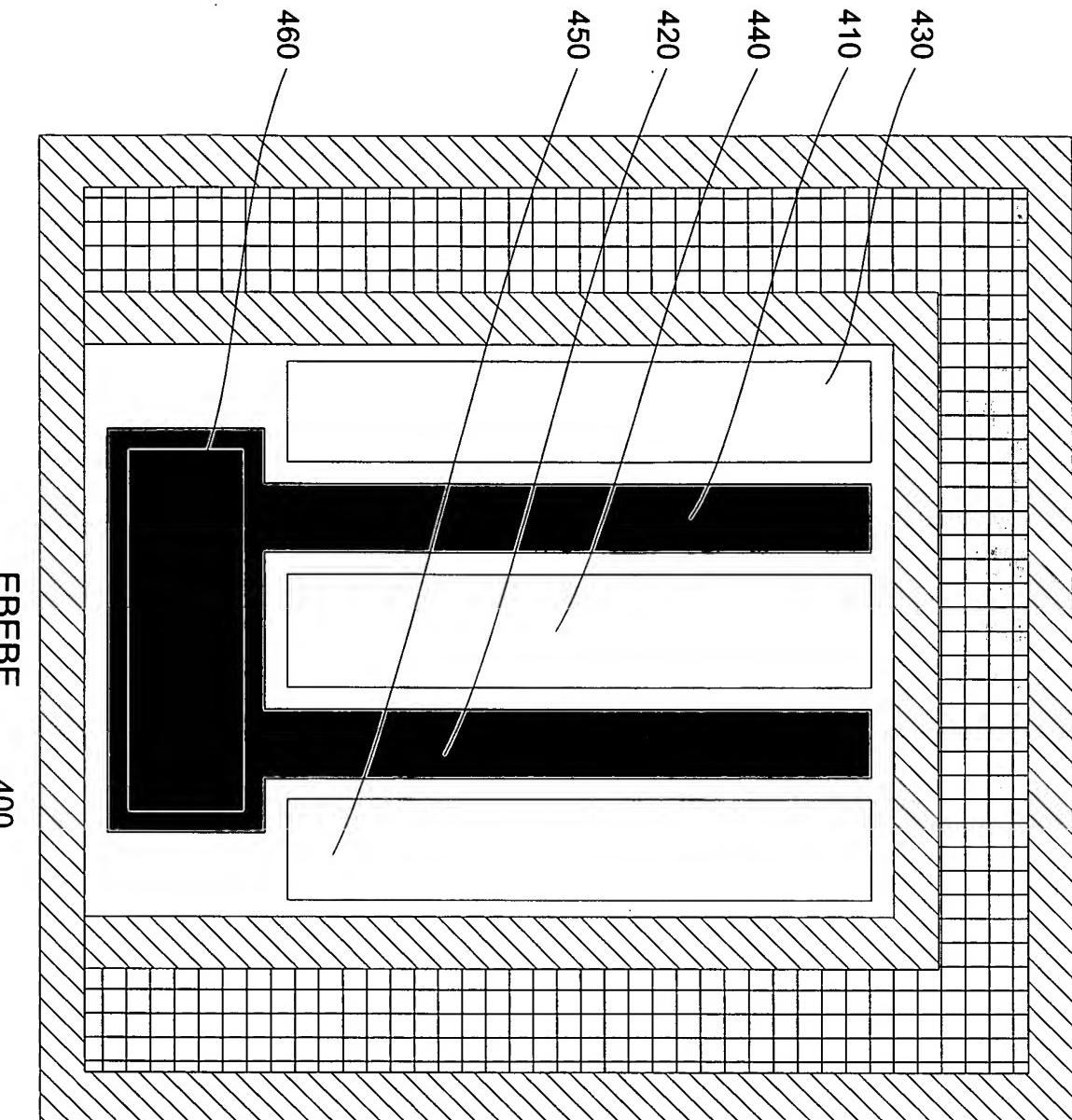
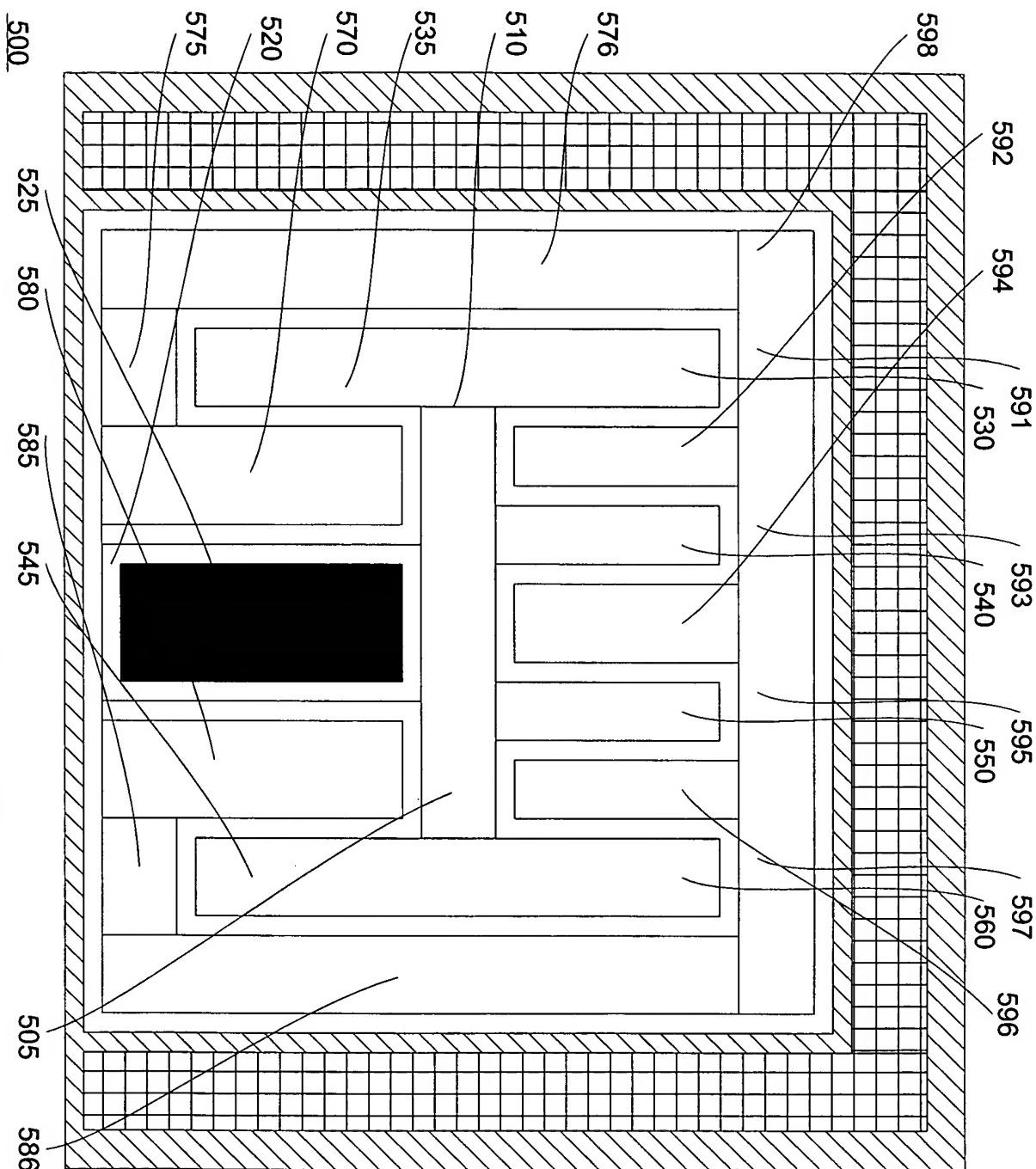


FIG. 4 4/22  
(Prior Art)

Replacement Sheet



Base Mesa  
Emitter Contact  
Base Tab Via  
Collector Contact

FIG. 5 5/22

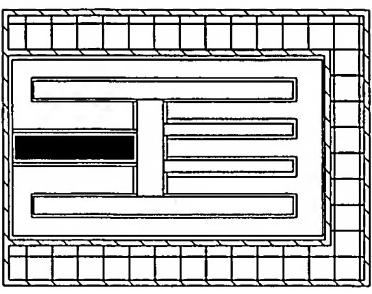


FIG. 6 6/22 M9

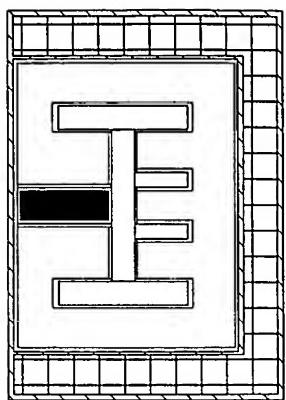


FIG. 10 10/22 M5

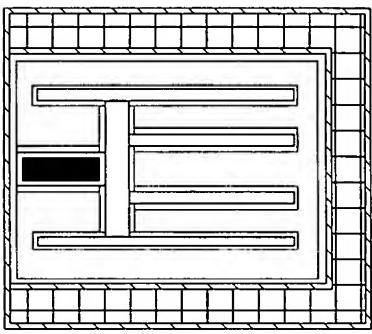


FIG. 7 7/22 M10

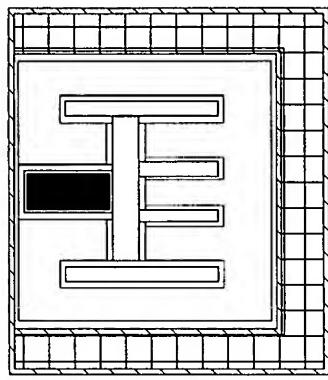


FIG. 11 11/22 M6

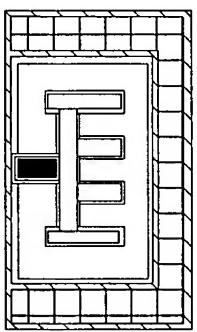


FIG. 8 8/22 M11

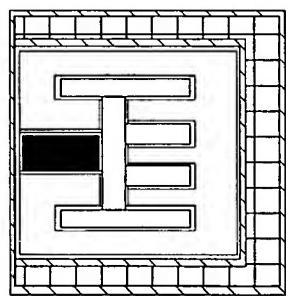


FIG. 12 12/22 M7

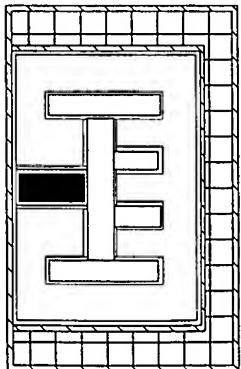


FIG. 9 9/22 M12

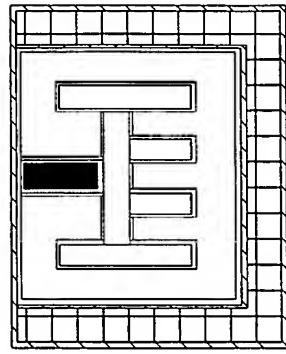


FIG. 13 13/22 M8

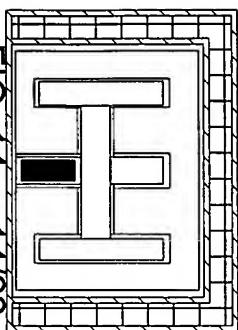


FIG. 14 14/22 M1

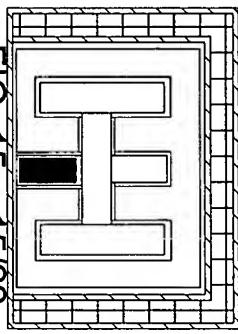


FIG. 15 15/22 M2

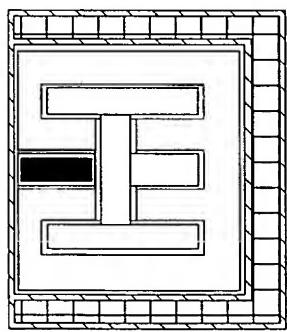


FIG. 16 16/22 M3

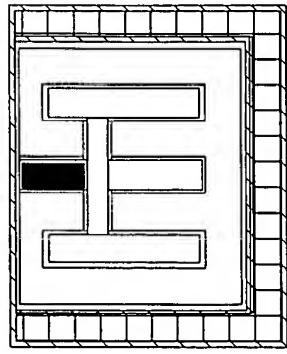
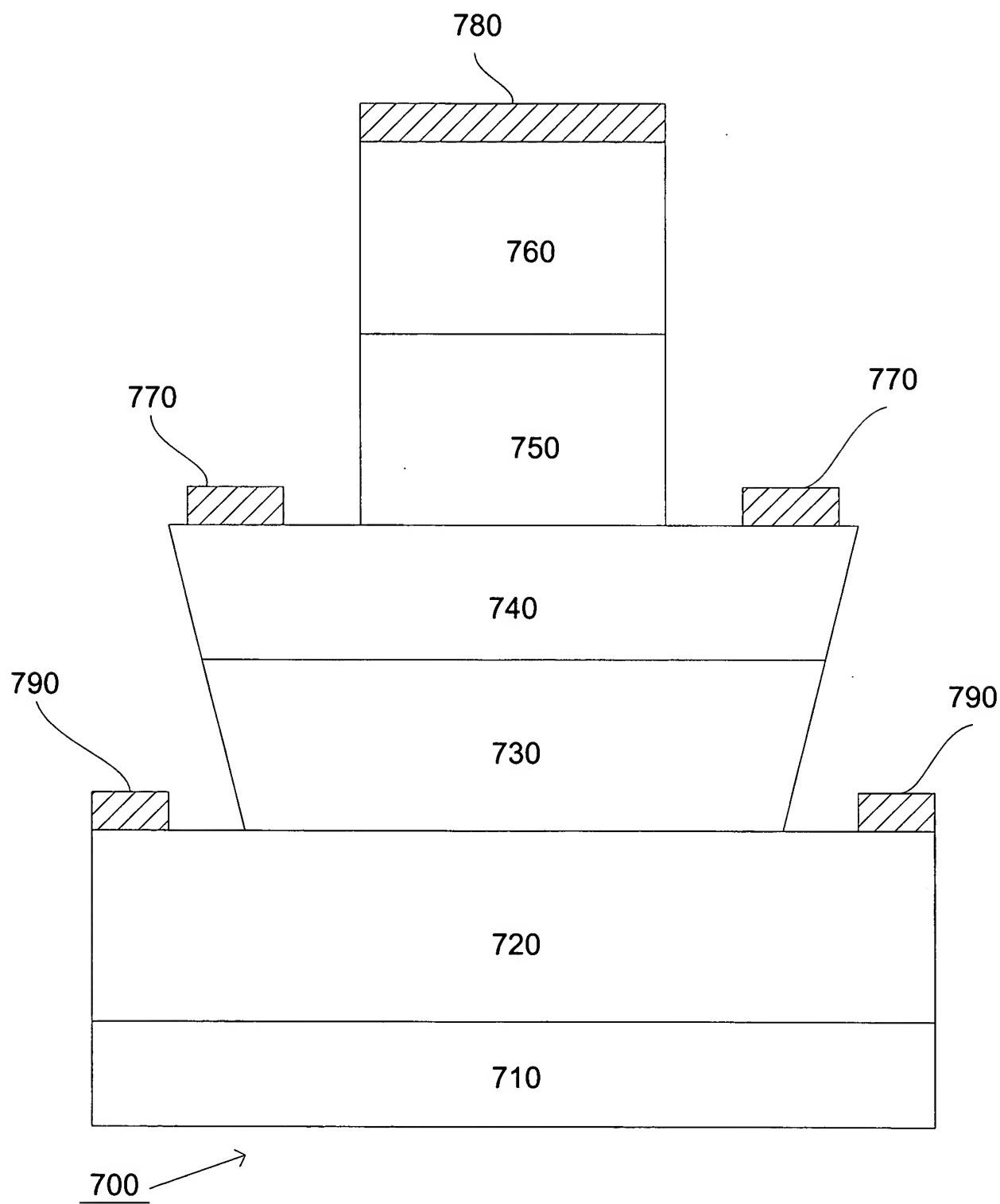


FIG. 17 17/22 M4

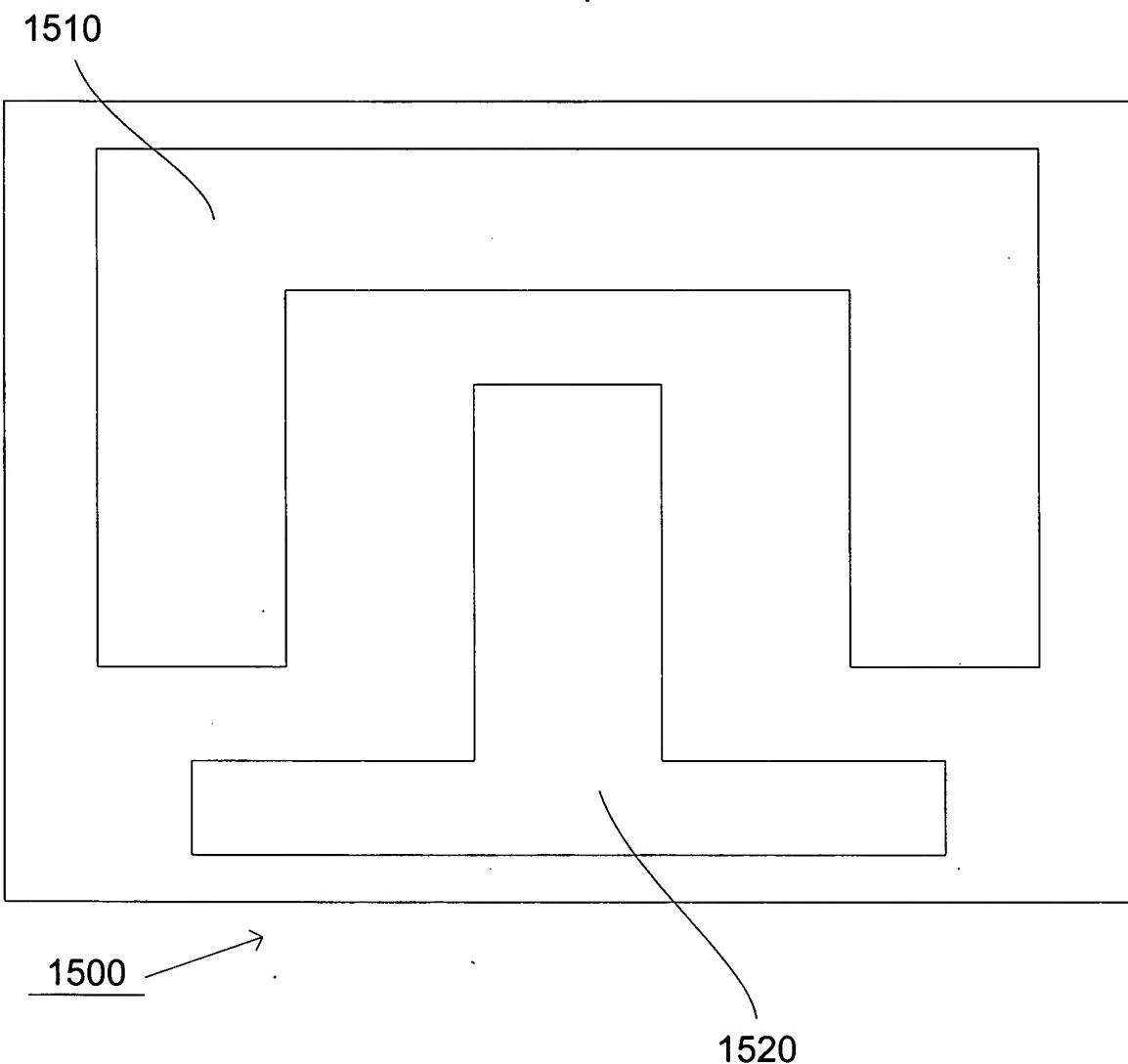
FIG. 18 18/22  
(Prior Art)



Replacement Sheet

FIG. 19 19/22  
(Prior Art)

Hairpin



Replacement Sheet

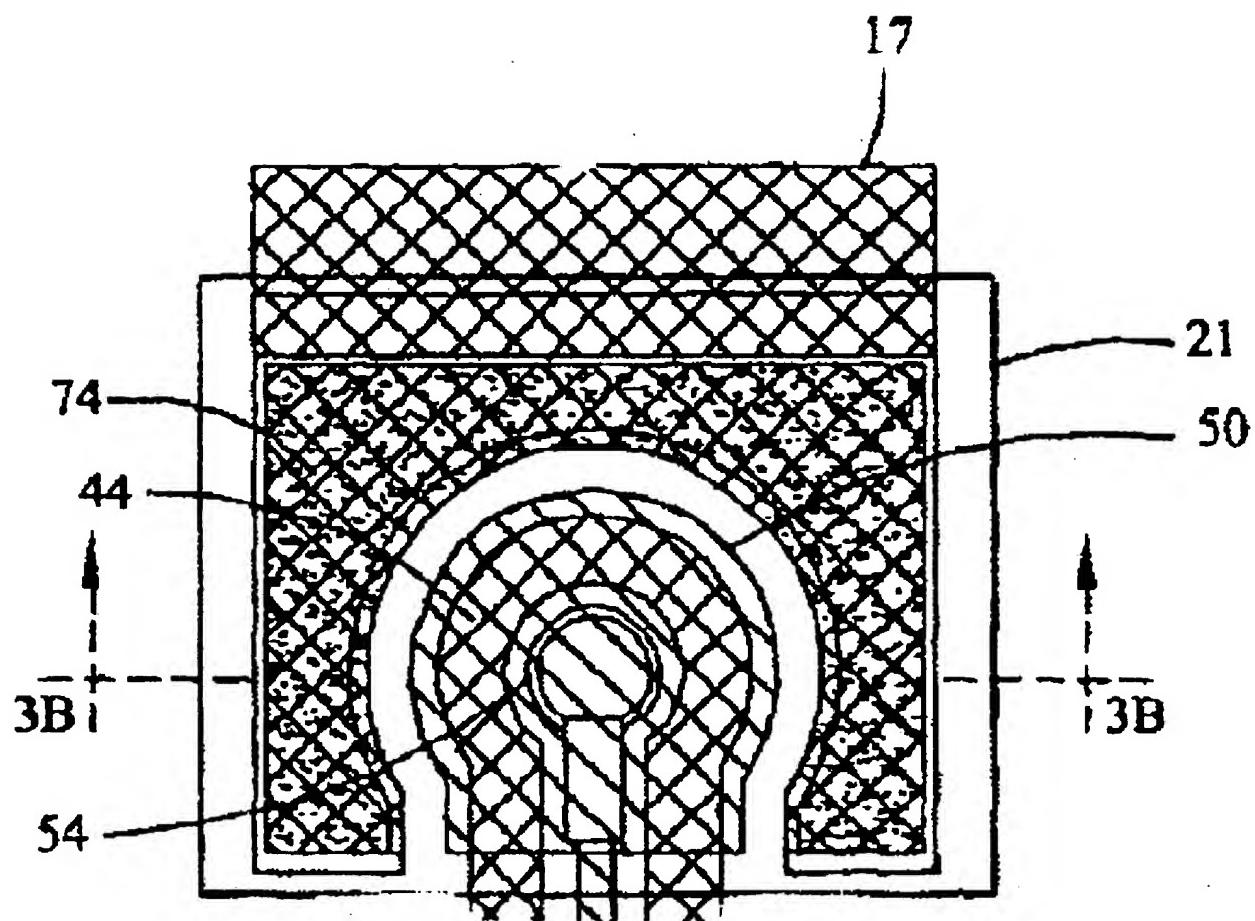


FIG. 20 20/22  
(Prior Art)

### Replacement Sheet

	$E_A$	$E_P$	$B_A$	$B_{CP}$	$E_A / B_A$	$E_P / \sqrt{B_A}$	$E_P / B_{CP}$	FOM-1	FOM-2
M1	300.0	206.4	674.0	120.6	0.445	7.950	1.711	1.490	0.952
M2	306.0	210.4	698.6	122.6	0.438	7.960	1.716	1.444	0.917
M3	403.3	275.2	928.7	171.2	0.434	9.031	1.607	1.611	1.207
M4	416.1	275.2	928.7	171.2	0.448	9.031	1.607	1.715	1.284
M5	354.0	235.2	765.0	142.2	0.463	8.504	1.654	1.723	1.198
M6	409.5	272.2	878.2	171.8	0.466	9.185	1.584	1.890	1.471
M7	242.0	242.2	630.1	159.8	0.384	9.649	1.516	1.347	1.188
M8	303.5	254.2	710.2	165.8	0.427	9.538	1.533	1.648	1.406
M9	317.4	315.2	821.3	216.6	0.387	10.999	1.455	1.555	1.553
M10	408.8	335.2	925.7	230.6	0.442	11.017	1.454	2.033	2.039
M11	193.4	156.0	434.7	86.6	0.445	7.482	1.801	1.401	0.795
M12	253.5	193.8	554.8	116.0	0.457	8.228	1.671	1.624	1.102

**FIG. 21    21/22**

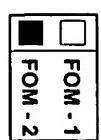
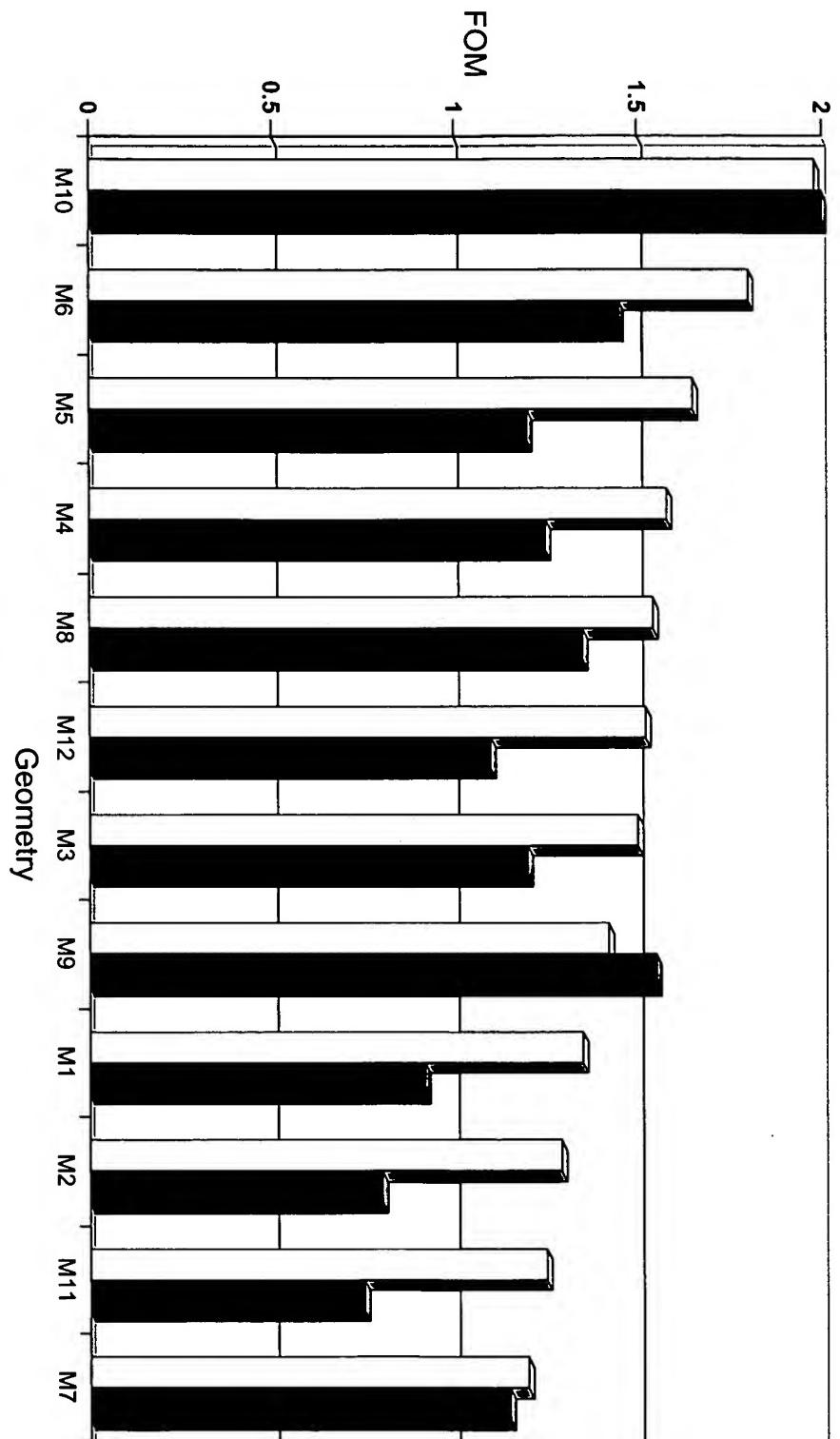


FIG. 22  
22/22